

amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4770. Ms. MURKOWSKI (for herself, Mr. KING, and Mr. SULLIVAN) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4771. Mr. HICKENLOOPER (for himself, Mr. CRAMER, Mr. KELLY, and Mr. MORAN) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4772. Mr. VAN HOLLEN (for himself and Mr. TILLIS) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4773. Mr. MARKEY submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4774. Mr. INHOFE submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4775. Mr. REED submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4776. Mr. PETERS (for himself, Mr. PORTMAN, and Mr. GRASSLEY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4777. Mrs. FISCHER (for herself and Ms. KLOBUCHAR) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4778. Mr. BOOKER (for himself, Mr. CORNYN, Mr. COONS, Mr. PORTMAN, Mr. GRAHAM, and Mr. CARPER) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4779. Mr. PETERS (for himself, Mr. PORTMAN, and Mr. GRASSLEY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4780. Mr. PETERS (for himself, Mr. PORTMAN, and Mr. GRASSLEY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4781. Mr. RISCH submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

SA 4782. Mr. CORNYN (for himself, Mr. COONS, Mr. YOUNG, and Mr. LEAHY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, supra; which was ordered to lie on the table.

## TEXT OF AMENDMENTS

**SA 4733.** Mr. RUBIO (for himself, Ms. CANTWELL, Mrs. BLACKBURN, Ms. ROSEN, Ms. COLLINS, Ms. HASSAN, Mr. CRAPO, Mr. PETERS, and Mr. KING) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle G of title XII, add the following:

### SECTION 1283. UNITED STATES-ISRAEL ARTIFICIAL INTELLIGENCE CENTER.

(a) **SHORT TITLE.**—This section may be cited as the “United States-Israel Artificial Intelligence Center Act”.

(b) **ESTABLISHMENT OF CENTER.**—The Secretary of State, in consultation with the Secretary of Commerce, the Director of the National Science Foundation, and the heads of other relevant Federal agencies, may establish the United States-Israel Artificial Intelligence Center (referred to in this section as the “Center”) in the United States.

(c) **PURPOSE.**—The purpose of the Center shall be to leverage the experience, knowledge, and expertise of institutions of higher education and private sector entities in the United States and Israel to develop more robust research and development cooperation in the areas of—

- (1) machine learning;
- (2) image classification;
- (3) object detection;
- (4) speech recognition;
- (5) natural language processing;
- (6) data labeling;
- (7) computer vision; and
- (8) model explainability and interpretability.

(d) **ARTIFICIAL INTELLIGENCE PRINCIPLES.**—In carrying out the purposes set forth in subsection (c), the Center shall adhere to the principles for the use of artificial intelligence in the Federal Government set forth in section 3 of Executive Order 13960 (85 Fed. Reg. 78939).

(e) **INTERNATIONAL PARTNERSHIPS.**—

(1) **IN GENERAL.**—The Secretary of State and the heads of other relevant Federal agencies, subject to the availability of appropriations, may enter into cooperative agreements supporting and enhancing dialogue and planning involving international partnerships between the Department of State or such agencies and the Government of Israel and its ministries, offices, and institutions.

(2) **FEDERAL SHARE.**—Not more than 50 percent of the costs of implementing the agreements entered into pursuant to paragraph (1) may be paid by the United States Government.

(f) **AUTHORIZATION OF APPROPRIATIONS.**—There is authorized to be appropriated for the Center \$10,000,000 for each of the fiscal years 2022 through 2026.

**SA 4734.** Ms. HASSAN (for herself and Mr. THUNE) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities

of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title II, insert the following:

### SEC. 2. APPLICATION OF PUBLIC-PRIVATE TALENT EXCHANGE PROGRAMS IN THE DEPARTMENT OF DEFENSE TO QUANTUM INFORMATION SCIENCES AND TECHNOLOGY RESEARCH.

In carrying out section 1599g of title 10, United States Code, the Secretary of Defense may establish public-private exchange programs, each with up to 10 program participants, focused on private sector entities working on quantum information sciences and technology research applications.

### SEC. 2. BRIEFING ON SCIENCE, MATHEMATICS, AND RESEARCH FOR TRANSFORMATION (SMART) DEFENSE EDUCATION PROGRAM.

Not later than three years after the date of the enactment of this Act, the Secretary of Defense shall provide Congress with a briefing on participation and use of the program under section 2192a of title 10, United States Code, as amended by this subsection, with a particular focus on levels of interest from students engaged in studying quantum fields.

### SEC. 2. IMPROVEMENTS TO DEFENSE QUANTUM INFORMATION SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM.

(a) **FELLOWSHIP PROGRAM AUTHORIZED.**—Section 234 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232; 10 U.S.C. 2358 note) is amended—

- (1) by redesignating subsection (f) as subsection (g); and
- (2) by inserting after subsection (e) the following new subsection (f):

“(f) **FELLOWSHIPS.**—

“(1) **PROGRAM AUTHORIZED.**—In carrying out the program required by subsection (a) and subject to the availability of appropriations to carry out this subsection, the Secretary may carry out a program of fellowships in quantum information science and technology research and development for individuals who have a graduate or post-graduate degree.

“(2) **EQUAL ACCESS.**—In carrying out the program under paragraph (1), the Secretary may establish procedures to ensure that minority, geographically diverse, and economically disadvantaged students have equal access to fellowship opportunities under such program.”.

(b) **MULTIDISCIPLINARY PARTNERSHIPS WITH UNIVERSITIES.**—Such section is further amended—

- (1) by redesignating subsection (g), as redesignated by subsection (a)(1), as subsection (h); and

- (2) by inserting after subsection (f), as added by subsection (a)(2), the following new subsection (g):

“(g) **MULTIDISCIPLINARY PARTNERSHIPS WITH UNIVERSITIES.**—In carrying out the program under subsection (a), the Secretary of Defense may develop partnerships with universities to enable students to engage in multidisciplinary courses of study.”.

(c) **COMPTROLLER GENERAL OF THE UNITED STATES ASSESSMENT OF PROGRAM.**—

(1) **ASSESSMENT AND BRIEFING.**—Not later than 180 days after the date of the enactment of this Act, the Comptroller General of the United States shall—

- (A) commence an assessment of the program carried out under section 234 of the

John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232; 10 U.S.C. 2358 note), as amended by this section, with consideration of the report submitted under subsection (h) of such section (as redesignated by subsection (b)(2) of this section); and

(B) provide the congressional defense committees a briefing on the preliminary findings of the Comptroller General with respect to such program.

(2) **FINAL REPORT.**—At a date agreed to by the Comptroller General and the congressional defense committees at the briefing provided pursuant to paragraph (1)(B), the Comptroller General shall submit to the congressional defense committees a final report with the findings of the Comptroller General with respect to the assessment conducted under paragraph (1)(A).

**SA 4735.** Mr. WARNER submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle E of title V, add the following:

**SEC. 576. COUNTERING EXTREMISM IN THE ARMED FORCES.**

(a) **COUNTERING EXTREMISM.**—

(1) **IN GENERAL.**—Title 10, United States Code, is amended—

(A) in Part II of subtitle A, by adding at the end the following new chapter:

**“CHAPTER 89—COUNTERING EXTREMISM**

“1801. Senior Official for Countering Extremism.

“1802. Training and education.

“1803. Data collection and analysis.

“1804. Reporting requirements.

“1805. Definitions.

**“§ 1801. Senior Official for Countering Extremism**

“(a) **DESIGNATION.**—The Secretary of Defense shall designate an Under Secretary of Defense as the Senior Official for Countering Extremism.

“(b) **DUTIES.**—The Senior Official shall—

“(1) coordinate and facilitate programs, resources, and activities within the Department of Defense to counter extremist activities, to include screening of publicly available information and Insider Threat Programs;

“(2) coordinate with Federal, State, and local enforcement organizations to counter extremism within the Department of Defense;

“(3) coordinate with the Secretary of Veterans Affairs on addressing and preventing extremist activities following an individual’s separation from the armed forces;

“(4) engage and interact with, and solicit recommendations from, outside experts on extremist activities; and

“(5) perform any additional duties prescribed by the Secretary of Defense, in consultation with the Secretary of Homeland Security.

**“§ 1802. Training and education**

“(a) **IN GENERAL.**—The Secretary of each military department, in coordination with the Senior Official for Countering Extremism, shall develop and implement training and education programs and related mate-

rials to assist members of the armed forces and civilian employees of the Department of Defense in identifying, preventing, responding to, reporting, and mitigating the risk of extremist activities.

“(b) **CONTENT.**—The training and education described in subsection (a) shall include specific material for activities determined by the Senior Official for Countering Extremism as high risk for extremist activities, including recruitment activities and separating members of the armed forces.

“(c) **REQUIREMENTS.**—The Secretary of Defense, in consultation with the Secretary of Homeland Security, shall provide the training and education described in subsection (a)—

“(1) to a member of the armed forces, civilian employee of the Department of Defense, cadet at a military service academy, or an individual in a pre-commissioning program no less than once a year;

“(2) to a member of the armed forces whose discharge (regardless of character of discharge) or release from active duty is anticipated as of a specific date within the time period specified under section 1142(a)(3) of this title;

“(3) to a member of the armed forces performing recruitment activities within the 30 days prior to commencing such activities; and

“(4) additionally as determined by the Secretary of Defense.

**“§ 1803. Data collection and analysis**

“(a) **IN GENERAL.**—The Senior Official for Countering Extremism, in consultation with the Deputy Inspector General, shall establish and maintain a database on extremist activities in the Department of Defense.

“(b) **CONTENT.**—The database established under subsection (a) shall—

“(1) include records on each allegation, investigation, disciplinary action, and separation related to extremist activities within the Department of Defense;

“(2) include, as appropriate, information related to extremist activities in the armed forces provided by or generated from information from a Federal law enforcement agency; and

“(3) any other requirements prescribed by the Secretary of Defense, in consultation with the Secretary of Homeland Security.

**“§ 1804. Reporting requirements**

“(a) **ANNUAL REPORT.**—Not later than December 1 of each year, the Deputy Inspector General, through the Senior Official for Countering Extremism and the Inspector General, shall submit to Congress a report on the prevalence of extremist activities within the Department of Defense.

“(b) **ELEMENTS.**—The report required by subsection (a) shall include each of the following elements:

“(1) The number of extremist activity allegations, investigations, disciplinary actions, and separations disaggregated data by the armed force, race, gender, ethnicity, grade, and rank of the principal.

“(2) An analysis and assessment of trends in the incidence and disposition of extremist activities during the year covered by the report.

“(3) Any other matters as determined by the Senior Official for Countering Extremism.

“(c) **PUBLICATION.**—The Secretary of Defense shall—

“(1) publish on an appropriate publicly available website of the Department of Defense the reports required by subsection (a); and

“(2) ensure that any data included with each such report is made available in a machine-readable format that is downloadable, searchable, and sortable.

**“§ 1805. Definitions**

“The following definitions apply in this chapter:

“(1) The term ‘Deputy Inspector General’ means the Deputy Inspector General of the Department of Defense for Diversity and Inclusion and Supremacist, Extremist, and Criminal Gang Activity established by Section 554 of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283).

“(2) The term ‘extremist activities’ shall—

“(A) have the meaning prescribed by the Secretary of Defense; and

“(B) include affiliation with (including membership in) an extremist organization.

“(3) The term ‘extremist insider threat’ means a member of the armed forces or civilian employee of the Department of Defense with access to government information, systems, or facilities, who—

“(A) can use such access to do harm to the security of the United States; and

“(B) engages in extremist activities.

“(4) The term ‘extremist organization’ shall have the meaning prescribed by the Secretary of Defense.

“(5) The term ‘principal’ means a member of the armed forces or civilian employee of the Department of Defense who engages in an extremist activity, or aids, abets, counsels, commands, or procures its commission.”; and

(B) in chapter 39, by inserting after section 985 the following new section:

**“§ 986. Prohibition on extremist activities**

“(a) **PROHIBITION.**—An individual who engages in extremist activities may not serve as a member of the armed forces.

“(b) **REGULATIONS.**—The Secretary of Defense shall prescribe regulations regarding the separation of a member of the armed forces who engages in extremist activities.

“(c) **DISSEMINATION OF EXTREMIST CONTENT.**—The Secretary of Defense may use extremist content knowingly shared, disseminated, or otherwise made available online (including on social media platforms and accounts) by an individual who serves in an armed force as cause for involuntary separation of such individual from an armed force.

“(d) **DEFINITIONS.**—In this section:

“(1) The term ‘extremist activities’ has the meaning given such term in section 1805 of this title.

“(2) The term ‘extremist content’ means content that expresses support for extremist activities (as that term is defined in section 1805 of this title).”.

(2) **CLERICAL AMENDMENTS.**—

(A) **PART II OF SUBTITLE A.**—The table of chapters for part II of subtitle A of title 10, United States Code, is amended by inserting after the item relating to chapter 88 the following new item:

“CHAPTER 89—COUNTERING EXTREMISM”.

(B) **CHAPTER 39.**—The table of sections at the beginning of chapter 39 is amended by inserting after the item relating to section 985 the following new item:

“986. Prohibition on extremist activities.”.

(b) **COORDINATION OF EFFORTS WITH INSPECTOR GENERAL.**—Section 554(a)(3) of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283) is amended by adding at the end the following new subparagraph:

“(E) The Senior Official for Countering Extremism.”.

(c) **REGULATIONS.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall prescribe regulations under chapter 89 of title 10, United States Code (including definitions under section 1805 of such title), as added by subsection (a).